

Title (en)

Non-reducing oligosaccharides and their production and use.

Title (de)

Nichtreduzierende Oligosaccharide und ihre Herstellung und Verwendung.

Title (fr)

Oligosaccharides non-réductrices, leur préparation et leur utilisation.

Publication

EP 0636632 A2 19950201 (EN)

Application

EP 94304656 A 19940627

Priority

- JP 5437794 A 19940301
- JP 17862393 A 19930628

Abstract (en)

Novel non-reducing oligosaccharide having a structure represented by the formula of alpha-D-oligoglucosyl alpha-D-oligoglucoside is obtained by exposing either an aqueous solution which contains trehalose and an alpha-glucosyl saccharide or an aqueous solution which contains a non-reducing saccharide bearing a trehalose structure at its end to a saccharide-transferring enzyme. The oligosaccharide has a reduced sweetness, superior stability, appropriate viscosity and less or no susceptibility to crystallization or superior solubility when in crystalline form. These features make the oligosaccharide very useful in various compositions including foods, beverages, cosmetics, pharmaceuticals and shaped bodies.

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IPC 8 full level

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CPC (source: EP KR US)

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